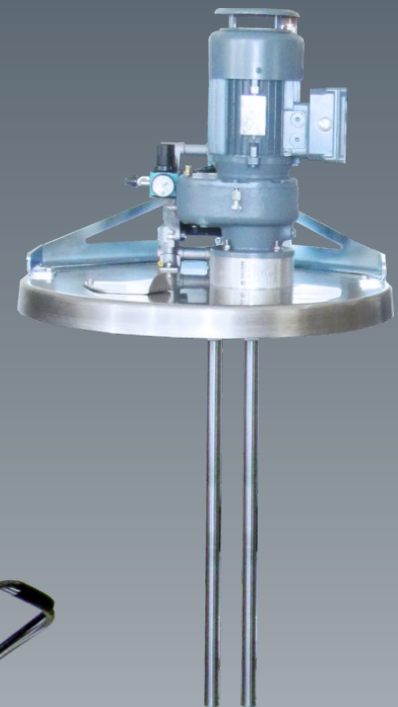
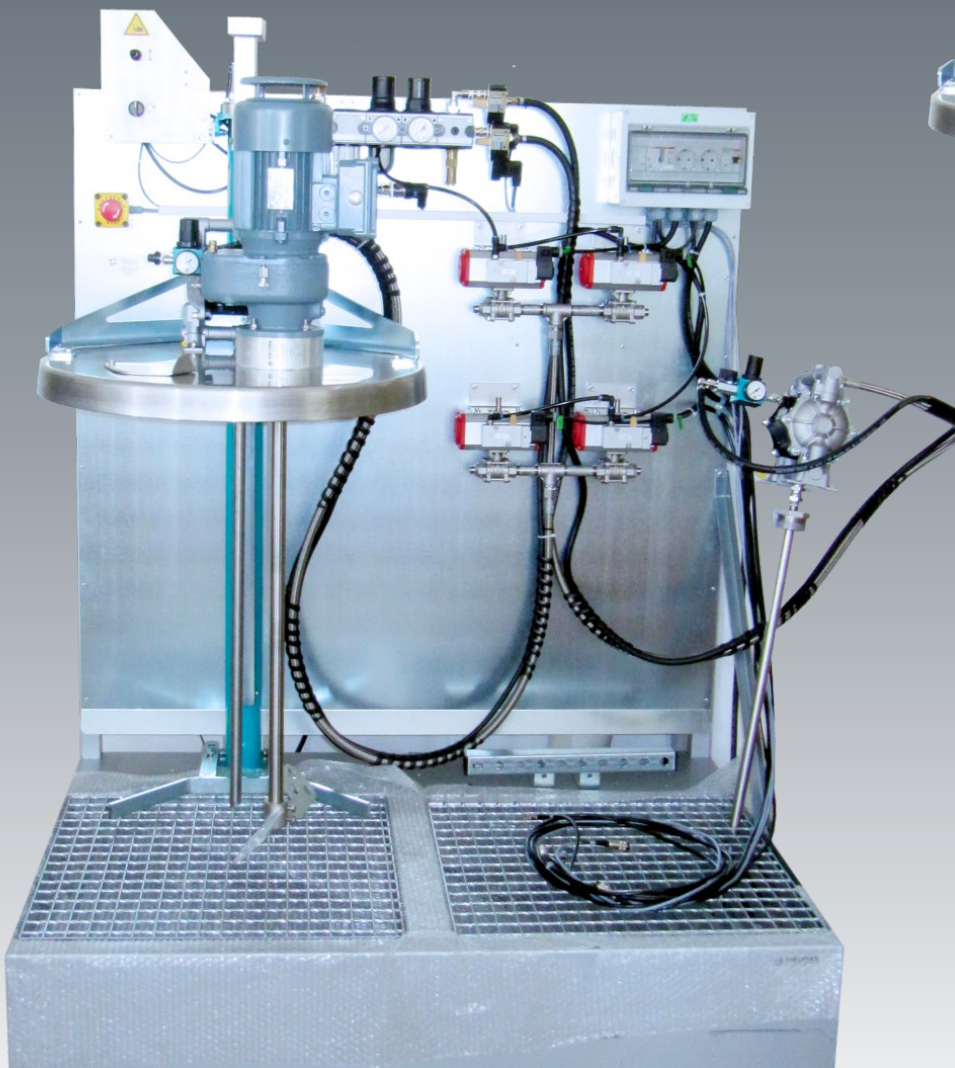


LOAD-DOS

Mixing and
dispensing
system

LOAD-DOS is a station for automatically loading 2-component casting compounds from 200-litre barrels or similar large containers into the containers of mixing and dispensing devices such as the 2-K-DOS.



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LOAD-DOS

Mixing and dispensing system

The LOAD-DOS automatically fills the containers of the 2-K-DOS mixing and dispensing device from 200-litre barrels or other large containers.

The two containers with the two components are located on a safety tank with a back wall as the support for the necessary fittings.

Three possible modules are available for conveying the components:

1. For 200-litre barrels with resin, the cover of the barrel is replaced with a pneumatically raised stainless steel cover that supports the pneumatic pump for conveying the compound and also a stirring unit, if required.

2. Barrels with hardeners are generally delivered in bung hole drums. Here a pneumatic pump

with an immersion tube for the bung hole conveys the hardener.

3. Smaller hardener containers can be placed into a pressure tank and conveyed with the applied air pressure.

Resin and hardener are each exactly switched with a separate electro-pneumatic ball valve for conveyance into the containers of the mixing and dispensing device. The pressure hoses to the containers are connected to the valve. All three modules can be equipped with a filling level alarm sensor. If required, the barrels can be heated with a base heater and/or with a heating sleeve.

The back wall supports the necessary pneumatic fittings, pressure regulator and valves and the electric control box with any alarm displays for the filling level.

Using a controller, the 2-K-DOS mixing and dispensing device retrieves the two components as soon as the respective container has reached its minimum filling level. An additional safety sensor in the cover of the 2-K-DOS container protects the container from excess pressure in the event of an error.

Additional mixing and dispensing devices can be connected to the LOAD-DOS loading station with additional ball valves and controllers.

Technical specifications:

Number of components: 1 or 2
Max. container size: 250 ltr. barrels
Max. viscosity:
Conveying capacity:

Power input, mains:
Power input, heater:
Required air pressure:
Air consumption:
Size W x D x H:
Weight:



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